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#13

RAW SEQUENCE LISTING

DATE: 05/01/2002

PATENT APPLICATION: US/09/675,525A

TIME: 09:37:12

Input Set : A:\192822-1.app

Output Set: N:\CRF3\05012002\I675525A.raw

```

3 <110> APPLICANT: Barrett, Ronald W.
4     Dower, William J.
5     Gallop, Mark
6     Woiwode, Thomas F.
7     Cwirla, Steven E.
8     XenoPort, Inc.
10 <120> TITLE OF INVENTION: Compounds Displayed on Replicable Genetic Packages and
11     Methods of Using Same
13 <130> FILE REFERENCE: 019282-000210US
15 <140> CURRENT APPLICATION NUMBER: US 09/675,525A
16 <141> CURRENT FILING DATE: 2000-09-29
18 <150> PRIOR APPLICATION NUMBER: US 60/156,674
19 <151> PRIOR FILING DATE: 1999-09-29
21 <160> NUMBER OF SEQ ID NOS: 7
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 60
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
32     inserted into phagemid (gene VIII)
34 <400> SEQUENCE: 1
35 gcggcgcgws sswswswswws wwwswsssg aattccctat agtgagtcgt attaaagctt 60
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 21
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
45     biotinylation substrate sequence
47 <220> FEATURE:
48 <221> NAME/KEY: MOD_RES
49 <222> LOCATION: (11)
50 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
52 <400> SEQUENCE: 2
W--> 53 Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu
54     1           5           10           15
56 Gly Gly Gly Gly Ser
57           20
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 63
62 <212> TYPE: DNA

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63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence:5' end of gene
67     for filamentous phage coat protein pVIII
69 <400> SEQUENCE: 3
70 ggcgggctta atgatatttt tgaggctcag aagattgagt ggcattgagg aggcgggggt 60
71 agc 63
74 <210> SEQ ID NO: 4
75 <211> LENGTH: 20
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
81     biotinylation substrate sequence
83 <220> FEATURE:
84 <221> NAME/KEY: MOD_RES
85 <222> LOCATION: (15)
86 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
88 <400> SEQUENCE: 4
W--> 89 Asn Ser Gly Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile
90      1          5          10          15
92 Glu Trp His Glu
93      20
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 71
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence:3' end of gene
103     10B major coat protein of T7 phage
105 <400> SEQUENCE: 5
106 aattctggag gcgggggtct taatgatatt ttgaggctc agaagattga gtggcatgag 60
107 taagtaacta a 71
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 58
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
117     inserted into T7 phage vector
119 <400> SEQUENCE: 6
120 gcggccgcws sswswsws wwwswsssg tattctatag tgtcacctaa atctcgag 58
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 5
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence:mAb 3E7 epitope
130     peptide

```

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132 <400> SEQUENCE: 7
133 Tyr Gly Gly Phe Leu
134 1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/675,525A

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TIME: 09:37:13

Input Set : A:\192822-1.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 11
Seq#:4; Xaa Pos. 15

VERIFICATION SUMMARY

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Input Set : A:\192822-1.app

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L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0